

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|------------------------------|------------------|---------|------------------|
| S1 | 1259 | 136/244.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/12 13:52 |
| S2 | 60 | S1 and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/05 14:35 |
| S3 | 1980 | (solar or photovoltaic) and semiconductor and silicon and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 10:22 |
| S4 | 1981 | (solar or photovoltaic) and semiconductor and silicon and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 10:22 |
| S5 | 403 | S4 and porous adj (Si or silicon) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 10:26 |
| S6 | 55 | S5 and "1" adj nm | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/13 17:13 |
| S7 | 21 | S6 and (non-doped or intrinsic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 17:56 |
| S8 | 1 | ("5213628").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/22 14:49 |
| S9 | 13 | "5213628" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 14:22 |
| S10 | 5370 | (solar or photovoltaic) and dye | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 14:23 |
| S11 | 2000 | S10 and semiconductor | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 14:23 |
| S12 | 615 | S11 and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 14:30 |
| S13 | 1096 | (solar or photovoltaic) and (pin or pIn or p-i-n) and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 14:31 |
| S14 | 411 | S13 and semiconductor | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 16:25 |
| S15 | 1002127 | S14 and porous insulat\$5 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 14:43 |

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| S16 | 0 | S14 and porous adj insulat\$5 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 14:43 |
| S17 | 411 | S14 and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 16:26 |
| S18 | 362 | S14 and insulat\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 16:27 |
| S19 | 362 | S14 and insulat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 16:26 |
| S20 | 2 | S14 and porous near insulat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 16:26 |
| S21 | 157 | (solar or photovoltaic) and porous adj (intrinsic or semiconductor) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/21 17:56 |
| S22 | 2 | (solar or photovoltaic) and porous and (non-dope\$3 adj semiconductor) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/22 13:38 |
| S23 | 2937 | (solar or photovoltaic) and porous and (semiconductor or intrinsic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/22 13:50 |
| S24 | 157 | (solar or photovoltaic) and porous adj (semiconductor or intrinsic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/22 13:51 |
| S25 | 1 | ("5272355").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/22 14:50 |
| S26 | 56897 | photodiode | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/22 14:50 |
| S27 | 563 | S26 and photoresistor | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 09:46 |
| S28 | 12 | S27 and (solar and photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/22 14:52 |
| S29 | 3 | S28 and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/22 14:52 |
| S30 | 1 | ("5272355").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 09:48 |

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| S31 | 1 | ("4486265").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:06 |
| S32 | 1 | ("4676845").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:08 |
| S33 | 0 | ("poroussilicon").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:08 |
| S34 | 4272 | porous adj silicon | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:09 |
| S35 | 423 | S34 and (solar or photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:09 |
| S36 | 6 | S35 and photoresistor | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:10 |
| S37 | 55 | S35 and photodiode | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:14 |
| S38 | 39 | S37 and solar | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:25 |
| S39 | 15898 | diffusion adj barrier | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:25 |
| S40 | 5228 | (solar or photovoltaic) and intrinsic | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:53 |
| S41 | 2068 | S40 and junction | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:53 |
| S42 | 316163 | S41 porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:54 |
| S43 | 315 | S41 and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:56 |
| S44 | 0 | S43 and 1nm | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 14:57 |
| S45 | 4272 | porous adj silicon | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 15:06 |

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| S46 | 423 | S45 and (solar or photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/24 15:06 |
| S47 | 233 | 257/3.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/27 11:36 |
| S48 | 51 | S47 and porous | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/27 11:37 |
| S49 | 24 | S47 and (porous adj silicon) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/27 11:42 |
| S50 | 90 | (photodiode or photoresistor or solar) with (porous adj silicon) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/27 11:46 |
| S51 | 42 | Menna.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/27 11:46 |
| S52 | 18 | ((sorlar adj cell) or photodiode or photoresistor) and (porous adj silicon) and (stack\$3 and tandem) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/01 11:36 |
| S53 | 18 | ((sorlar adj cell) or photodiode or photoresistor) and (porous adj silicon) and (stack\$3 and tandem) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/01 11:37 |
| S54 | 361 | ((sorlar adj cell) or photodiode or photoresistor) and (porous adj silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/01 13:24 |
| S55 | 1 | ("5324965").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 13:29 |
| S56 | 1 | ("4063901").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 13:30 |
| S57 | 1 | ("5780896").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 13:36 |
| S58 | 1 | ("6384313").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 13:49 |
| S59 | 2280 | (porous adj silicon) not (dope doped) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:00 |

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| S60 | 49 | S59 and (solar adj cell) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 13:51 |
| S61 | 625 | (porous adj silicon) not (dope doped) not separat\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:02 |
| S62 | 31 | S61 and ((solar adj cell) or photovoltaic) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/01 14:02 |
| S63 | 144 | (porous adj silicon) not (dope doped) not (separat\$4 remov\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:03 |
| S64 | 11 | S63 and ((solar adj cell) or (photovoltaic)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:44 |
| S65 | 231782 | "257"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:44 |
| S66 | 219 | S65 and (porous adj silicon) with (dope doped) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:47 |
| S67 | 1896 | S65 and (porous adj silicon) not (dope doped) with (opposite near conduct\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:48 |
| S68 | 56 | S66 not (SOI or (on adj insulator) separat\$4 move moving) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:51 |
| S69 | 18 | S66 not (SOI or (on adj insulator) separat\$4 remove removing) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:56 |
| S70 | 5 | S69 and (stack tandem multi\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/01 14:57 |
| S71 | 0 | (solar or photovoltaic) and (heterojunction or p-n or p/n or pin) with ((porous adj silicon) with (sandwich or tandem or stack or between or back-to-back)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/05 14:38 |
| S72 | 28 | (solar or photovoltaic) and (heterojunction or p-n or p/n or pin) and ((porous adj silicon) with (sandwich or tandem or stack or between or back-to-back)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/05 14:38 |
| S73 | 0 | "257"/\$.ccls. and (non-doped adj porous) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/11 16:50 |

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| S74 | 0 | "257"/\$.ccls. and ((non-doped nondoped) adj porous) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/11 16:51 |
| S75 | 250 | "257"/\$.ccls. and (porous adj semiconductor) and (silicon Si) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/11 16:52 |
| S76 | 0 | S75 and (nondoped non-doped) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/11 16:52 |
| S77 | 41 | vitanov.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/12 14:32 |
| S78 | 50 | (porous adj (silicon Si)) with ("50" adj nm) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/12 16:02 |
| S79 | 1267 | yoshimoto.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/12 14:38 |
| S80 | 881 | yoshimoto.in. | USPAT | OR | OFF | 2006/12/12 14:38 |
| S81 | 11 | S80 and yoshimoto-satoshi.in. | USPAT | OR | OFF | 2006/12/12 14:38 |
| S82 | 330 | (porous adj (silicon Si)) and thickness with (("50" adj nm)(S77 adj nm)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/12 16:06 |
| S83 | 3 | bisi.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/12 16:16 |
| S84 | 6270 | wire-like | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/12 16:16 |
| S85 | 1 | ("5757024").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/14 15:14 |
| S86 | 1 | ("5331180").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/14 15:14 |
| S87 | 1 | ("5272355").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/14 15:15 |
| S88 | 1 | ("6683367").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/14 15:15 |